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# FELLOWS.

## CLASS I.

### *Mathematical and Physical Sciences.*

#### SECTION I.

*Mathematics.*

| | |
|---|---|
| Benjamin A. Gould, Jr., | Cambridge. |
| Thomas Hill, | Waltham. |
| Thomas Sherwin, | Boston. |
| Joseph Winlock, | Cambridge. |

#### SECTION II.

*Practical Astronomy and Geodesy.*

| | |
|---|---|
| William C. Bond, | Cambridge. |
| George P. Bond, | Cambridge. |
| J. Ingersoll Bowditch, | Boston. |
| Charles Henry Davis, | Cambridge. |
| William Mitchell, | Nantucket. |
| Miss Maria Mitchell, | Nantucket. |
| Robert Treat Paine, | Boston. |

#### SECTION III.

*Physics and Chemistry.*

| | |
|---|---|
| Joseph Hale Abbot, | Beverly. |
| John Bacon, Jr., | Boston. |
| John H. Blake, | Boston. |
| William F. Channing, | Boston. |
| Josiah P. Cooke, | Cambridge. |
| William P. Dexter, | Boston. |
| Augustus A. Hayes, | Boston. |
| Albert Hopkins, | Williamstown. |
| Eben N. Horsford, | Cambridge. |
| Joseph Lovering, | Cambridge. |
| Francis Peabody, | Salem. |

#### SECTION IV.

*Technology and Engineering.*

| | |
|---|---|
| James F. Baldwin, | Boston. |
| Simeon Borden, | Fall River. |
| Edward C. Cabot, | Boston. |
| Henry L. Eustis, | Cambridge. |
| James B. Francis, | Lowell. |
| Nathan Hale, | Boston. |
| James Hayward, | Boston. |
| Charles Jackson, | Boston. |
| John C. Lee, | Salem. |
| William R. Lee, | Boston. |
| Charles S. Storrow, | Lawrence. |
| William H. Swift, | Boston. |
| John H. Temple, | Boston. |
| Daniel Treadwell, | Cambridge. |
| Morrill Wyman, | Cambridge. |

## CLASS II.

### *Natural and Physiological Sciences.*

#### Section I.

*Geology, Mineralogy, and Physics of the Globe.*

| | |
|---|---|
| Francis Alger, | South Boston. |
| Thomas T. Bouvé, | Boston. |
| Edward Hitchcock, | Amherst. |
| Jonathan P. Hall, | Boston. |
| Charles T. Jackson, | Boston. |
| Henry D. Rogers, | Boston. |
| William B. Rogers, | Boston. |
| Josiah D. Whitney, | Northampton. |

#### Section II.

*Botany.*

| | |
|---|---|
| Jacob Bigelow, | Boston. |
| George B. Emerson, | Boston. |
| Asa Gray, | Cambridge. |
| Benjamin D. Greene, | Boston. |
| John A. Lowell, | Boston. |
| John L. Russell, | Salem. |
| Edward Tuckerman, | Amherst. |

#### Section III.

*Zoölogy and Physiology.*

| | |
|---|---|
| Louis Agassiz, | Cambridge. |
| Thomas M. Brewer, | Boston. |
| Samuel Cabot, Jr., | Boston. |
| Silas Durkee, | Boston. |
| Augustus A. Gould, | Boston. |
| Samuel Kneeland, Jr., | Boston. |
| Charles Pickering, | Boston. |
| D. Humphreys Storer, | Boston. |
| Henry Wheatland, | Salem. |
| Jeffries Wyman, | Cambridge. |

#### Section IV.

*Medicine and Surgery.*

| | |
|---|---|
| Samuel L. Abbot, | Boston. |
| Henry J. Bigelow, | Boston. |
| Henry I. Bowditch, | Boston. |
| Benjamin E. Cotting, | Roxbury. |
| George Hayward, | Boston. |
| Oliver W. Holmes, | Boston. |
| James Jackson, | Boston. |
| John B. S. Jackson, | Boston. |
| Henry C. Perkins, | Newburyport. |
| Edward Reynolds, | Boston. |
| John Ware, | Boston. |
| Charles E. Ware, | Boston. |
| John C. Warren, | Boston. |
| Jonathan M. Warren, | Boston. |

# CLASS III.

## *Moral and Political Sciences.*

### Section I.

*Philosophy and Jurisprudence.*

| | |
|---|---|
| William Allen, | Northampton. |
| Francis Bowen, | Cambridge. |
| Rufus Choate, | Boston. |
| Benjamin R. Curtis, | Pittsfield. |
| Mark Hopkins, | Williamstown. |
| Heman Humphrey, | Amherst. |
| Charles G. Loring, | Boston. |
| Ichabod Nichols, | Cambridge. |
| Joel Parker, | Cambridge. |
| Theophilus Parsons, | Cambridge. |
| Ephraim Peabody, | Boston. |
| George Putnam, | Roxbury. |
| Lemuel Shaw, | Boston. |
| William A. Stearns, | Amherst. |
| James Walker, | Cambridge. |
| Daniel A. White, | Salem. |

### Section II.

*Philology and Archæology.*

| | |
|---|---|
| Albert N. Arnold, | Newton. |
| Charles Beck, | Cambridge. |
| Epes S. Dixwell, | Cambridge. |
| Cornelius C. Felton, | Cambridge. |
| Charles Folsom, | Cambridge. |
| William Jenks, | Boston. |
| George M. Lane, | Cambridge. |
| George Livermore, | Cambridge. |
| George R. Noyes, | Cambridge. |
| James Savage, | Boston. |
| Nathaniel B. Shurtleff, | Boston. |
| Samuel Swett, | Boston. |
| William Wells, | Cambridge. |
| Joseph E. Worcester, | Cambridge. |

### Section III.

*Political Economy and History.*

| | |
|---|---|
| Nathan Appleton, | Boston. |
| Caleb Cushing, | Newburyport. |
| Edward Everett, | Boston. |
| Samuel Hoar, | Concord. |
| Levi Lincoln, | Worcester. |
| Francis Parkman, | Boston. |
| Willard Phillips, | Cambridge. |
| William H. Prescott, | Boston. |
| Josiah Quincy, | Boston. |
| John Reed, | Bridgewater. |
| Jared Sparks, | Cambridge. |
| Richard Sullivan, | Boston. |
| Robert C. Winthrop, | Boston. |

### Section IV.

*Literature and the Fine Arts.*

| | |
|---|---|
| Francis J. Child, | Cambridge. |
| Samuel A. Eliot, | Boston. |
| Francis C. Gray, | Boston. |
| John C. Gray, | Boston. |
| Richard Greenough, | Boston. |
| Henry W. Longfellow, | Cambridge. |
| Francis C. Lowell, | Boston. |
| James Russell Lowell, | Cambridge. |
| Octavius Pickering, | Boston. |
| George Ticknor, | Boston. |
| Edward Wigglesworth, | Boston. |

# ASSOCIATE FELLOWS.

## CLASS I.

### *Mathematical and Physical Sciences.*

#### SECTION I.

*Mathematics.*

| | |
|---|---|
| Charles Avery, | Clinton, N. Y. |
| Alexis Caswell, | Providence, R. I. |
| William Chauvenet, | Annapolis, Md. |
| Charles Davies, | Fishkill, N. Y. |
| Jeremiah Day, | New Haven, Conn. |
| Charles Gill, | Flushing, L. I. |
| J. S. Hubbard, | Washington, D. C. |
| William Smyth, | Brunswick, Me. |
| Theodore Strong, | New Brunswick, N. J. |

#### SECTION II.

*Practical Astronomy and Geodesy.*

| | |
|---|---|
| Stephen Alexander, | Princeton, N. J. |
| Alexander D. Bache, | Washington, D. C. |
| W. H. C. Bartlett, | West Point, N. Y. |
| J. H. C. Coffin, | Annapolis, Md. |
| William H. Emory, | Washington, D. C. |
| James D. Graham, | Washington, D. C. |
| Elias Loomis, | New York. |
| O. M. Mitchel, | Cincinnati, Ohio. |
| W. F. W. Owen, | London. |
| Charles Wilkes, | Washington, D. C. |

#### SECTION III.

*Physics and Chemistry.*

| | |
|---|---|
| Jacob W. Bailey, | West Point, N. Y. |
| Parker Cleaveland, | Brunswick, Me. |
| Wolcott Gibbs, | New York. |
| Joseph Henry, | Washington, D. C. |
| Robert Hare, | Philadelphia. |
| T. S. Hunt, | Montreal, L. C. |
| W. A. Norton, | New Haven, Conn. |
| Charles G. Page, | Washington, D. C. |
| Benjamin Silliman, | New Haven, Conn. |
| Benjamin Silliman, Jr., | New Haven, Conn. |

#### SECTION IV.

*Technology and Engineering.*

| | |
|---|---|
| J. J. Abert, | Washington, D. C. |
| Richard Delafield, | Washington, D. C. |
| Dennis H. Mahan, | West Point, N. Y. |
| S. F. B. Morse, | Poughkeepsie, N. Y. |
| James Renwick, | New York. |
| Sylvanus Thayer, | New York. |
| Joseph G. Totten, | Washington, D. C. |

## CLASS II.

### *Natural and Physiological Sciences.*

SECTION I.

*Geology, Mineralogy, and Physics of the Globe.*

| | |
|---|---|
| Charles Cramer, | St. Petersburg, Russia. |
| James D. Dana, | New Haven, Conn. |
| Edward Desor, | Neufchatel, Switz. |
| John C. Fremont, | Washington, D. C. |
| Arnold Guyot, | Princeton, N. J. |
| James Hall, | Albany, N. Y. |
| William C. Redfield, | New York. |
| Charles U. Shepard, | New Haven, Conn. |

SECTION II.

*Botany.*

| | |
|---|---|
| Francis Boott, | London. |
| Moses A. Curtis, | Society Hill, S. C. |
| Chester Dewey, | Rochester, N. Y. |
| George Engelmann, | St. Louis, Mo. |
| Thomas Nuttall, | Preston, Eng. |
| Charles W. Short, | Louisville, Ky. |
| William S. Sullivant, | Columbus, Ohio. |
| John Torrey, | New York. |

SECTION III.

*Zoölogy and Physiology.*

| | |
|---|---|
| John Bachman, | Charleston, S. C. |
| Spencer F. Baird, | Washington, D. C. |
| John C. Dalton, Jr., | New York. |
| S. Stehman Haldeman, | Columbia, Pa. |
| John E. Holbrook, | Charleston, S. C. |
| Jared P. Kirtland, | Cleveland, Ohio. |
| John L. LeConte, | Philadelphia. |
| Joseph Leidy, | Philadelphia. |

SECTION IV.

*Medicine and Surgery.*

| | |
|---|---|
| Reuben D. Mussey, | Cleveland, Ohio. |
| Joseph Roby, | Baltimore, Md. |
| William Sweetser, | Burlington, Vt. |

## CLASS III.

### *Moral and Political Sciences.*

SECTION I.

*Philosophy and Jurisprudence.*

| | |
|---|---|
| C. B. Haddock, | Hanover, N. H. |
| Horace Mann, | Yellow Springs, Ohio. |
| Alonzo Potter, | Philadelphia, Pa. |
| Francis Wayland, | Providence, R. I. |

SECTION II.

*Philology and Archæology.*

| | |
|---|---|
| S. P. Andrews, | New York. |
| George P. Marsh, | Burlington, Vt. |
| Alpheus S. Packard, | Brunswick, Me. |
| Edward Robinson, | New York. |
| Edward Salisbury, | New Haven, Conn. |
| Theodore D. Woolsey, | New Haven, Conn. |

SECTION III.

*Political Economy and History.*

| | |
|---|---|
| Angel Calderon de la Barca, | Madrid, Spain. |
| Francis Lieber, | Columbia, S. C. |

SECTION IV.

*Literature and the Fine Arts.*

| | |
|---|---|
| William C. Bryant, | New York. |
| Joseph G. Cogswell, | New York. |
| Thomas Crawford, | Rome. |
| Washington Irving, | New York. |
| Charles C. Jewett, | Washington, D. C. |
| Hiram Powers, | Florence. |

# FOREIGN HONORARY MEMBERS.

## CLASS I.

### *Mathematical and Physical Sciences.*

#### SECTION I.

*Mathematics.*

| | |
|---|---|
| John C. Adams, | Cambridge. |
| George B. Airy, | Greenwich. |
| Cauchy, | Paris. |
| Sir William R. Hamilton, | Dublin. |
| Hansen, | Gotha. |
| Le Verrier, | Paris. |
| Sir John W. Lubbock, | London. |
| Ostrogradsky, | St. Petersburg. |
| Giovanni Plana, | Turin. |

#### SECTION II.

*Practical Astronomy and Geodesy.*

| | |
|---|---|
| Argelander, | Bonn. |
| Encke, | Berlin. |
| Sir John F. W. Herschel, | London. |
| Peters, | Altona. |
| William H. Smyth, | London. |
| Struve, | Pulkowa. |

#### SECTION III.

*Physics and Chemistry.*

| | |
|---|---|
| Biot, | Paris. |
| Sir David Brewster, | St. Andrews, Scot. |
| Dumas, | Paris. |
| Michael Faraday, | London. |
| Liebig, | Munich. |
| Regnault, | Paris. |
| Heinrich Rose, | Berlin. |

#### SECTION IV.

*Technology and Engineering.*

| | |
|---|---|
| Charles Babbage, | London. |
| Fourneyron, | Paris. |
| Robert Stephenson, | London. |
| Vicat, | Grenoble. |

## CLASS II.

### *Natural and Physiological Sciences.*

#### SECTION I.

*Geology, Mineralogy, and Physics of the Globe.*

| | |
|---|---|
| William Buckland, | Oxford. |
| Elie de Beaumont, | Paris. |
| Humboldt, | Berlin. |
| Sir Charles Lyell, | London. |
| Sir Roderick I. Murchison, | London. |
| Quételet, | Brussels. |
| Ritter, | Berlin. |
| Adam Sedgwick, | Cambridge. |
| De Verneuil, | Paris. |

SECTION II.

*Botany.*

| | |
|---|---|
| Robert Brown, | London. |
| Decaisne, | Paris. |
| DeCandolle, | Geneva. |
| Elias Fries, | Upsala. |
| Sir William J. Hooker, | Kew. |
| Martius, | Munich. |

SECTION III.

*Zoölogy and Physiology.*

| | |
|---|---|
| Carl E. von Baer, | St. Petersburg. |
| Theodor L. W. Bischoff, | Giessen. |
| Ehrenberg, | Berlin. |
| Milne-Edwards, | Paris. |
| Johannes Müller, | Berlin. |
| Richard Owen, | London. |
| C. Th. von Siebold, | Munich. |
| Tiedemann, | Frankfort. |

SECTION IV.

*Medicine and Surgery.*

| | |
|---|---|
| Andral, | Paris. |
| Sir Benjamin Brodie, | London. |
| Louis, | Paris. |
| Rayer, | Paris. |
| Rokitansky, | Vienna. |

## CLASS III.

## *Moral and Political Sciences.*

SECTION I.

*Philosophy and Jurisprudence.*

| | |
|---|---|
| Cousin, | Paris. |
| Sir William Hamilton, | Edinburgh. |
| Mittermaier, | Heidelberg. |
| Archbishop Whately, | Dublin. |
| William Whewell, | Cambridge. |

SECTION II.

*Philology and Archæology.*

| | |
|---|---|
| Boeckh, | Berlin. |
| Bopp, | Berlin. |
| Bunsen, | Bonn. |
| Eyriès, | Paris. |
| Pascual de Gayangos, | Madrid. |
| Lepsius, | Berlin. |
| Duke di Serradifalco, | Palermo. |
| Thiersch, | Munich. |

SECTION III.

*Political Economy and History.*

| | |
|---|---|
| Guizot, | Paris. |
| George Grote, | London. |
| Sir Francis Palgrave, | London. |

SECTION IV.

*Literature and the Fine Arts.*

| | |
|---|---|
| Gino Capponi, | Italy. |
| Joaquim J. da Costa de Macedo, | Lisbon. |